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VI. *Duæ Observationes Eclipsis Lunæ Totalis Nocte
sequente Diem 28 Julij 1729. S. V. Communi-
cante Cl. Thomâ Dereham, Bart. & R. S. S.*

*Observatio in publico Observatio Bononiæ facta.
à Dno. Eustachio Manfredi, M. D. R. S. S. &c.*

Temp. Ver.

H. ' "

11	56	52	E	Clipsis certè incepta.
12	11	33	E	Initium Copernici.
12	56		{	Centrum Copernici, sed ex alterâ Deter- minatione 2" citiùs.
19	46		{	Initium Tychonis, sed ex alterâ Deter- minat. 2" citiùs.
20	54			Medium Tychonis.
21	43			Totum Tychonem.
23	43			Initium Platonis.
24	42			Medium Platonis.
25	23			Totum Patonem.
25	55			Insula in Sinu medio.
27	35			Totum Manilium.
29	35			Totum Aristotelem.
32	7			Totum Menelaum.
35	0			Totum Plinium.
38	49			Promontorium somni.
39	26			Promontorium acutum.
44	16			Totum Fracastorium.
45	42			Totum Proclum.
46	59			Initium Maris Crisum.

Medium

Temp. Ver.

H. ' "

12	49	47	{ Medium <i>Maris Crisum</i> , sed ex alterâ Determinat. 4" citius.
	52	19	Totum <i>Mare Crisum</i> .
	53	6	Totum <i>Petavium</i> .
12	55	54	Totalis Immersio Lunæ.
14	34	25	Initium Emerfionis dub.
	37	30	Initium <i>Grimaldi</i> .
	38	20	Totum <i>Galileum</i> .
	38	28	Totum <i>Grimaldum</i> .
	39	45	Totum <i>Aristarchum</i> .
	44	47	Totum <i>Keplerum</i> .
	48	33	Initium <i>Platonis</i> .
	49	37	Medium <i>Platonis</i> .
	50	42	Totum <i>Platonem</i> .
	52	47	Totum <i>Copernicum</i> .
	55	32	Totum <i>Bullialdum</i> .
15	1	56	Initium <i>Tychonis</i> .
	2	36	Medium <i>Tychonis</i> .
	3	50	Totum <i>Tychonem</i> .
	4	50	Totum <i>Manilium</i> .
	7	47	Totum <i>Menelaum</i> .
	11	2	Totum <i>Dyonifum</i> .
	11	37	Totum <i>Plinium</i> .
	18	53	<i>Promontorium acutum</i> .
	20	30	Initium <i>Maris Crisum</i> .
	20	59	Totum <i>Proclum</i> .
	23	34	Medium <i>Maris Crisum</i> .
15	35	00	Finis Eclipsis.

Observatio

Observatio Eclipsis Lunaris in Collegio Romano Societatis Jesu, t. p. m. u.

		Immerfiones.	H.	'	"
Umbra ad	limbum	— — — —	12	01	00
<i>Kepleri,</i>	{ Initium	— — — —		07	49
	{ Medium	— — — —		09	04
	{ Finis	— — — —		09	50
<i>Copernici,</i>	{ Initium	— — — —		15	00
	{ Medium	— — — —		16	26
	{ Finis	— — — —		17	00
<i>Heraclidis,</i>	{ Initium	— — — —		17	11
	{ Medium	— — — —		17	27
	{ Finis	— — — —		17	40
<i>Heliconis,</i>	{ Initium	— — — —		22	26
	{ Medium	— — — —		22	41
	{ Finis	— — — —		23	07
<i>Tychonis,</i>	{ Initium	— — — —		23	50
	{ Medium	— — — —		24	41
	{ Finis	— — — —		25	25
<i>Platonis,</i>	{ Initium	— — — —		28	43
	{ Medium	— — — —		29	14
	{ Finis	— — — —		29	50
<i>Manilij,</i>	{ Initium	— — — —		31	05
	{ Medium	— — — —		32	00
	{ Finis	— — — —		32	45
<i>Menelai,</i>	{ Initium	— — — —		35	04
	{ Medium	— — — —		35	45
	{ Finis	— — — —		36	08
<i>Maris Crifum.</i>	{ Initium	— — — —		51	37
	{ Medium	— — — —		54	10
	{ Finis	— — — —		56	08
Totalis Immerfio		— — — —	13	00	16

Emerfiones.		H.	'	"
Lux ad ☉ limbum	— — — — —	14	38	24
Grimaldi Finis	— — — — —	43	24	
Kepleri Finis	— — — — —	44	34	
<i>Heraclidis,</i>	{ Initium	46	14	
	{ Medium	46	54	
	{ Finis	47	24	
<i>Heliconis,</i>	{ Initium	49	10	
	{ Medium	50	04	
	{ Finis	50	44	
<i>Platonis,</i>	{ Initium	51	24	
	{ Medium	52	09	
	{ Finis	52	44	
<i>Tychonis,</i>	{ Initium	15	07	05
	{ Medium	07	13	
	{ Finis	08	18	
<i>Maris Crifum,</i>	{ Initium	26	39	
	{ Medium	28	38	
	{ Finis	31	51	
Totalis emerfio	— — — — —	38	00	

Observationes habitæ funt telescopio pedum Romanorum 9, aere innubi, fed vapofo ita, ut circa Eclipsis finem limbus Lunaris tremere videretur. Diameter Lunæ horizontalis capta 15 h. 46' intercipiebat micrometri partes 2934, quarum verticalis Lunæ diameter comprehendebat 2877, at Solis diameter die præcedenti vifa eff occupare partes 2830. H. ' "

Tempus Immerfionis — — — — — 59 16

Tempus Emerfionis — — — — — 59 36

Mora in tenebris — — — — — 1 38 08

Duratio Eclipsis — — — — — 3 37 00

Solis Meridiani refractione omiffa tangentes in Gnomone, cujus

aperturæ horizontalis diameter	7	Augusti	48190
			47040
	8	Augusti	48801
			47731

70
—
100000

F I N I S.